

FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF PILES.

NOTES

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS

PILES AT BOTH END BENTS ARE DESIGNED FOR A FACTORED RESISTANCE OF 990 kN PER PILE.

DRIVE PILES AT BOTH END BENTS TO A REQUIRED DRIVING RESISTANCE OF 1,650 kN PER PILE.

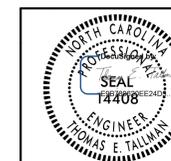
IT HAS BEEN ESTIMATED THAT A HAMMER WITH AN EQUIVALENT RATED ENERGY IN THE RANGE OF 65.5 kN-METER TO 81.0 kN-METER PER BLOW WILL BE REQUIRED TO DRIVE PILES AT END BENT 1 AND END BENT 2. THIS ESTIMATED ENERGY RANGE DOES NOT RELEASE THE CONTRACTOR FROM PROVIDING DRIVING EQUIPMENT IN ACCORDANCE WITH SUBARTICLE 450-3 (D) (2) OF THE STANDARD SPECIFICATIONS.

PROJECT NO. R-2413CA

ROCKINGHAM COUNTY

STATION: 90+64.493 -LREV_SB-

SHEET 2 OF 3



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE ON US 220 SB
OVER NC 68 NB
BETWEEN NC 65 AND SR 1120

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.
S01-2
TOTAL SHEETS
28



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DRAWN BY : D. H. CARTER DATE : FEB 2015
 CHECKED BY : T. E. TALLMAN DATE : FEB 2015
 DESIGN ENGINEER OF RECORD: T. E. TALLMAN DATE : FEB 2015